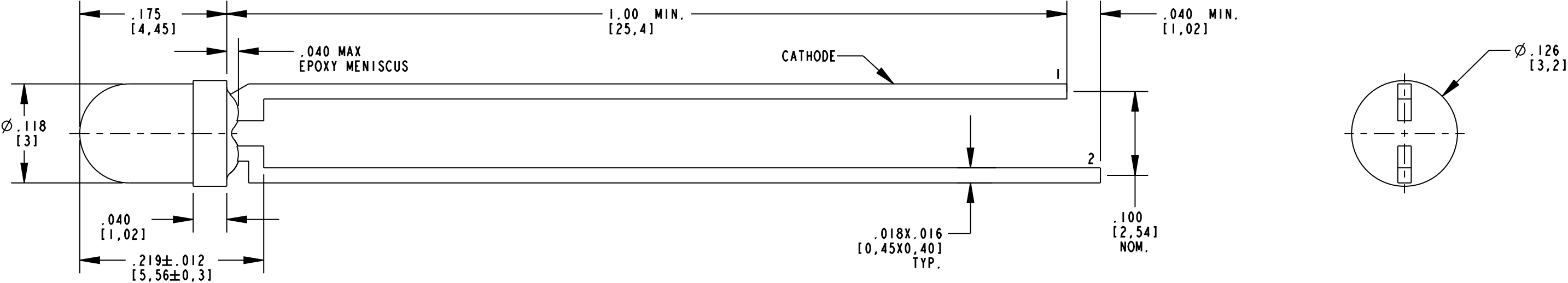


RoHS COMPLIANT 521-9216F

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	AJF	KLJ	NO	2-16-10

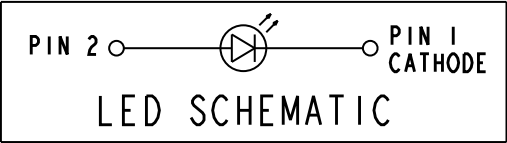


NOTES:

- LED COLOR: HI EFFICIENCY RED.
- LENS COLOR: RED DIFFUSED.
- LED LEAD SPACING IS MEASURED NEAR EPOXY PACKAGE.
- PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBER: 521-9216F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	2.5	8.7		mc d	I _F = 10 mA
PEAK WAVELENGTH		635		nm	
DOMINANT WAVELENGTH	615	625	632	nm	
FORWARD VOLTAGE		2.0	2.6	V	I _F = 20 mA
REVERSE CURRENT			100	μA	V _R = 5 V
VIEWING ANGLE		60		DEGREES	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT		
POWER DISSIPATION	100	mW
LINEAR DERATING FROM 50°C	0.4	mA/°C
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	90	mA
CONTINUOUS FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	°C
LEAD SOLDERING TEMPERATURE FOR 5 SEC. (.078" [2mm] FROM BODY)	260	°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: 8.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17825	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015	Ø 3mm LED	
ANGLES: ±3°	MATERIAL	-
FINISH:		
FSCM 83330	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
	SHEET 1 OF 1	FAMILY TABLE: